

DECISION SUMMARY

1.0 INTRODUCTION

Based on site history and results of environmental investigations, the Air Force proposes no further action is required with respect to soil vapor and soil at Site 36 on Beale Air Force Base (AFB), California. This decision document presents the Site 36 characterization data to support the no-further-action decision.

In addition to presenting results of investigations (Section 2.0), this document presents the results of a human health and ecological risk assessment (Section 3.0).

1.1 Site Name, Location, and Description

Site 36 is located in the south-central portion of Beale AFB, California, bounded by A and B Streets to the east and west and Warren Shingle Road and 12th Street to the north and south. A site location map and aerial photograph are provided as Figures 1-1 and 1-2, respectively.

Site 36 is the former location of a secured storage area (SSA), a tank maintenance shop (Area of Concern [AOC] 2), seven underground storage tanks (USTs), and a World War II electrical substation (northwest of the site). The site is presently vacant and consists of predominantly unpaved, level terrain covered by annual grassland species.

1.1.1 Adjacent Land Uses

The primary land use surrounding Beale AFB is agricultural; 85% of the surrounding land is designated as an Exclusive Agricultural Zone. Land use at Site 36 is planned for commercial use in accordance with the *Beale AFB Management Action Plan* (Bechtel, 2002).

1.1.2 Nearby Population

Beale AFB is located in a sparsely populated area of northern California approximately 10 miles east of Marysville, California, and 45 miles north of Sacramento. The employees, the residents of military housing, and people residing in a predominantly agricultural land surrounding the base are the nearest populations. Building 24176, a base dormitory, and Building 24175, the 9th Munitions Squadron Air Force Combat Ammunition Center, are on land adjacent to the north of the site, and the Gold Country Inn is on land adjacent to the south of the site. Residential areas exist approximately 4.5 miles from Site 36.

1.1.3 Surface and Groundwater Resources

There are no well-defined surface water drainages at the site; surface runoff that does not infiltrate into the unpaved areas of Site 36 flows to the south and west. Depth to groundwater ranges from approximately 30 to 40 feet below ground surface (bgs), and the direction of groundwater flow is assumed to be southwesterly. The groundwater flow direction is based on groundwater elevation contours reported in the *Basewide Groundwater Monitoring Program 2003 Semi-Annual Data Summary* (CH2M HILL, 2003).